

OM nucleic - nucleic search, using sw model							
Run on:		February 11, 2005, 02:05:27 ; Search time 236 Seconds (without alignments) 8683.069 Million cell updates/sec					
<b>Title:</b> US-09-904-994B-1		<b>Perfect score:</b> 2883					
<b>Scoring table:</b> OLIGO_NUC		<b>Sequence:</b> 1 rgrgragtttcccarctt:.....aaaaaagttagggccacagg 2883					
<b>Searched:</b> 824507 seqs, 35539441 residues		<b>Word size :</b> 0					
<b>Minimum DB seq length:</b> 0		<b>Total number of hits satisfying chosen parameters:</b> 1649014					
<b>Maximum DB seq length:</b> 200000000		<b>Post-processing:</b> Listing first 45 summaries					
<b>Database :</b>							
1: issued_Patent_Nr.*							
2: /cgn2_6/podata/1/ina/5A_COMB.seq:*							
3: /cgn2_6/podata/1/ina/6A_COMB.seq:*							
4: /cgn2_6/podata/1/ina/6B_COMB.seq:*							
5: /cgn2_6/podata/1/ina/PCTUS_COMB.seq:*							
6: /cgn2_6/podata/1/ina/backfile1.seq:*							
<b>Pred. No.</b> is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.							
<b>SUMMARIES</b>							
<b>Result No.</b>	<b>Score</b>	<b>% Match</b>	<b>Length</b>	<b>DB ID</b>	<b>Description</b>		
1	27	0.9	2619	2 US-08-467-822-19	Sequence 19, Appl		
2	27	0.9	2619	3 US-08-432-697-19	Sequence 19, Appl		
3	27	0.9	2619	3 US-08-466-248-19	Sequence 19, Appl		
4	20	0.7	550	4 US-09-270-767-3974	Sequence 1974, Appl		
5	20	0.7	550	4 US-09-270-767-19256	Sequence 19256, Appl		
6	20	0.7	1233	1 US-08-289-458-4	Sequence 4, Appl		
7	20	0.7	1233	2 US-08-276-549-4	Sequence 4, Appl		
8	20	0.7	1233	3 US-09-127-646-4	Sequence 4, Appl		
9	20	0.7	1727	1 US-08-289-458-3	Sequence 3, Appl		
10	20	0.7	1727	2 US-08-761-549-3	Sequence 3, Appl		
11	20	0.7	1727	3 US-09-127-646-3	Sequence 3, Appl		
12	20	0.7	2735	2 US-08-920-095-1	Sequence 1, Appl		
13	20	0.7	2735	5 PCT-US96-05800-1	Sequence 1, Appl		
14	20	0.7	4824	4 US-01-431-705-1	Sequence 1, Appl		
15	20	0.7	4824	4 US-09-431-705-19	Sequence 19, Appl		
16	20	0.7	5152	4 US-10-204-708-74	Sequence 74, Appl		
17	19	0.7	260	4 US-05-133-999C-31838	Sequence 31838, Appl		
18	19	0.7	2235	1 US-08-313-181-3	Sequence 3, Appl		
19	0.7	640681	4 US-09-790-988-1	Sequence 1, Appl			
20	18	0.6	4	US-09-513-999C-2843	Sequence 2843, Appl		
21	18	0.6	312	4 US-09-248-796A-13131	Sequence 13131, Appl		
22	18	0.6	336	4 US-09-489-039A-7094	Sequence 7094, Appl		
23	18	0.6	366	4 US-09-796A-4797	Sequence 4797, Appl		
24	18	0.6	431	3 US-09-439-213-360	Sequence 360, Appl		
25	18	0.6	431	3 US-09-352-616A-360	Sequence 360, Appl		
26	18	0.6	431	4 US-09-621-215-360	Sequence 360, Appl		
27	18	0.6	431	4 US-09-685-166A-360	Sequence 360, Appl		

## ALIGNMENT



OTHER INFORMATION: /standard name= "Shine-Dalgarno  
 OTHER INFORMATION: sequence."

NAME/KEY: misc feature  
 LOCATION: 756..759  
 OTHER INFORMATION: /standard name= "Shine-Dalgarno  
 OTHER INFORMATION: sequence."

US-08-466-248-19

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 Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1134 ATTTCACAAAGCCGACATGGGTTAA 1160  
 Db 1006 ATTTCACAAAGCCGACATGGGTTAA 1032

RESULT 4  
 US-09-270-767-3974  
 Sequence 3974, Application US/09270767  
 Patent No. 6703491

GENERAL INFORMATION:  
 APPLICANT: Homburger et al.  
 TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*  
 FILE REFERENCE: File Reference: 7326-094  
 CURRENT APPLICATION NUMBER: US/09/270,767  
 CURRENT FILING DATE: 1999-03-17  
 NUMBER OF SEQ ID NOS: 62517  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 3974  
 LENGTH: 550  
 TYPE: DNA  
 ORGANISM: *Drosophila melanogaster*  
 US-09-270-767-3974

Query Match 0.7%; Score 20; DB 4; Length 550;  
 Best Local Similarity 100.0%; Pred. No. 5..9; Mismatches 0; Indels 0; Gaps 0;

Qy 2035 ATAGAATAAAAGAATT 2054  
 Db 434 ATAGAATAAAAGAATT 453

RESULT 5  
 US-09-270-767-19256  
 Sequence 19256, Application US/09270767  
 Patent No. 6703491

GENERAL INFORMATION:  
 APPLICANT: Homburger et al.  
 TITLE OF INVENTION: Nucleic acids and proteins of *Drosophila melanogaster*  
 FILE REFERENCE: File Reference: 7326-094  
 CURRENT APPLICATION NUMBER: US/09/270,767  
 CURRENT FILING DATE: 1999-03-17  
 NUMBER OF SEQ ID NOS: 62517  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 19256  
 LENGTH: 550  
 TYPE: DNA  
 ORGANISM: *Drosophila melanogaster*  
 US-09-270-767-19256

Query Match 0.7%; Score 20; DB 4; Length 550;  
 Best Local Similarity 100.0%; Pred. No. 5..9; Mismatches 0; Indels 0; Gaps 0;

Qy 2035 ATAGAATAAAAGAATT 2054  
 Db 434 ATAGAATAAAAGAATT 453

RESULT 6

Query Match 0.7%; Score 20; DB 1; Length 1233;  
 Best Local Similarity 100.0%; Pred. No. 6..2; Mismatches 0; Indels 0; Gaps 0;

Qy 73 TATTATTAATTTTAA 92  
 Db 790 TATTATTAATTTTAA 771

RESULT 7  
 US-08-761-549-4/C  
 Sequence 4, Application US/08761549  
 Patent No. 5981727

GENERAL INFORMATION:

APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,  
 APPLICANT: LEE, Kathleen Y.  
 TITLE OF INVENTION: PLANT Gp2 PROMOTERS AND USES THEREOF  
 NUMBER OF SEQUENCES: 12  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Townsend and Townsend Khourie and Crew  
 STREET: Steuart Street Tower, One Market Plaza  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: US  
 ZIP: 94105-1493  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/761,549  
 FILING DATE: 06-DEC-1996  
 CLASSIFICATION: 800  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/289,458  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dow, Karen B.  
 REGISTRATION NUMBER: 29,684  
 REFERENCE/DOCKET NUMBER: 12176-4  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 543-9600  
 TELEFAX: (415) 543-5043  
 INFORMATION FOR SEQ ID NO: 4:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1233  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE:  
 NAME/KEY: CAAT\_signal  
 LOCATION: 1100..1103  
 FEATURE:  
 NAME/KEY: TATA\_signal  
 LOCATION: 1139..1146  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 1169..  
 OTHER INFORMATION: /note= "Transcriptional start site"  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: 1172..  
 OTHER INFORMATION: /note= "Pepper Gp2 promoter sequence up to US-09-127-646-4"  
 RESULT 9  
 US-08-289-458-3/C  
 ; Sequence 3, Application US/08289458  
 ; Patent No. 5,608144  
 GENERAL INFORMATION:  
 APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,  
 APPLICANT: LEE, Kathleen Y.  
 TITLE OF INVENTION: PLANT Gp2 PROMOTERS AND USES THEREOF  
 NUMBER OF SEQUENCES: 12  
 CORRESPONDENCE ADDRESS:  
 ADDRESSE: Townsend and Townsend Khourie and Crew  
 STREET: Steuart Street Tower, One Market Plaza  
 CITY: San Francisco  
 STATE: California  
 COUNTRY: US  
 ZIP: 94105-1493  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/289,458  
 FILING DATE:  
 CLASSIFICATION: 800

RESULT 8  
 US-09-127-646-4/C  
 ; Sequence 4, Application US/09127646  
 ; Patent No. 6,291,744  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baden, Catherine S.

ATTORNEY/AGENT INFORMATION:  
 NAME: Dow, Karen B.  
 REGISTRATION NUMBER: 29,684  
 REFERENCE/DOCKET NUMBER: 12176-4  
 TELECOMMUNICATION INFORMATION:  
 TELEFAX: (415) 543-9600  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1727 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE: NAME/KEY: CAAT signal  
 LOCATION: 1100..1103  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1169..1172  
 OTHER INFORMATION: /note= "Transcriptional start site"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1172..1175  
 OTHER INFORMATION: /note= "pGp50 5' end"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1234..1235  
 OTHER INFORMATION: /note= "Translation start codon"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1298..1299  
 OTHER INFORMATION: /note= "Intron start site"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1..1233  
 OTHER INFORMATION: /note= "Gp2 promoter sequence"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1..1727  
 OTHER INFORMATION: /note= "Gp2 Genomic DNA clone"  
 US-08-289-459-3  
 Query Match 0.7%; Score 20; DB 1; Length 1727;  
 Best Local Similarity 100.0%; Pred. No. 63; 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 73 TATTTATTATTAA 92  
 Db 790 TATTTATTATTAA 771  
 RESULT 10  
 US-08-761-549-3/C  
 Sequence 3, Application US/08761549  
 ; Patent No. 5981727  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BADEN, Catherine S., DUNSMUIR, Pamela,  
 ; TITLE OF INVENTION: PLANT Gp2 PROMOTERS AND USES THEREOF  
 ; NUMBER OF SEQUENCES: 12  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Townsend and Townsend Khouri and Crew  
 ; STREET: Steuart Street Tower, One Market Plaza  
 ; CITY: San Francisco  
 ; STATE: California  
 ; COUNTRY: US  
 ; ZIP: 94105-1493  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patentin Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/761,549  
 FILING DATE: 08-DEC-1996  
 CLASSIFICATION: 800  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/289,458  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Dow, Karen B.  
 REGISTRATION NUMBER: 29,684  
 REFERENCE/DOCKET NUMBER: 12176-4  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (415) 543-9600  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 1727 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 FEATURE: NAME/KEY: CAAT signal  
 LOCATION: 1100..1103  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1169..1172  
 OTHER INFORMATION: /note= "Transcriptional start site"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1172..1175  
 OTHER INFORMATION: /note= "pGp50 5' end"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1234..1235  
 OTHER INFORMATION: /note= "Translation start codon"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1298..1299  
 OTHER INFORMATION: /note= "Intron start site"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1..1233  
 OTHER INFORMATION: /note= "Gp2 promoter sequence"  
 FEATURE: NAME/KEY: misc\_feature  
 LOCATION: 1..1727  
 OTHER INFORMATION: /note= "Gp2 Genomic DNA clone"  
 US-08-761-549-3  
 Query Match 0.7%; Score 20; DB 2; Length 1727;  
 Best Local Similarity 100.0%; Pred. No. 63; 0; Mismatches 0; Indels 0; Gaps 0;  
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 73 TATTTATTATTAA 92  
 Db 790 TATTTATTATTAA 771  
 RESULT 11  
 US-09-121-646-3/C  
 Sequence 3, Application US/09127645  
 ; Patent No. 629174  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baden, Catherine S.  
 ; APPLICANT: Dunsmuir, Pamela  
 ; APPLICANT: Lee, Kathleen Y.

APPLICANT: DNA Plant Technology Corporation  
 TITLE OF INVENTION: Nucleic Acids Encoding Plant Group 2 Proteins and Uses  
 FILE REFERENCE: 012176-004020US  
 CURRENT APPLICATION NUMBER: US/09/127,645  
 EARLIER APPLICATION NUMBER: US 08/289,458  
 EARLIER FILING DATE: 1994-08-12  
 EARLIER APPLICATION NUMBER: US 08/761,549  
 EARLIER FILING DATE: 1996-12-06  
 NUMBER OF SEQ ID NOS: 12  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO 3  
 LENGTH: 1727  
 TYPE: DNA  
 ORGANISM: Capsicum annuum  
 FEATURE:  
 NAME/KEY: misc feature  
 LOCATION: (1)..(1727)  
 OTHER INFORMATION: pepper plant Group 2 (Gp2) genomic DNA clone  
 FEATURE:  
 NAME/KEY: promoter  
 LOCATION: (1)..(1233)  
 OTHER INFORMATION: Gp2 promoter sequence  
 FEATURE:  
 NAME/KEY: CAAT Signal  
 LOCATION: (1100)..(1103)  
 FEATURE:  
 NAME/KEY: TATA Signal  
 LOCATION: (1139)..(1146)  
 FEATURE:  
 NAME/KEY: misc feature  
 LOCATION: (1169)  
 OTHER INFORMATION: transcriptional start site  
 FEATURE:  
 NAME/KEY: misc feature  
 LOCATION: (1172)  
 OTHER INFORMATION: PGP50 5' end  
 FEATURE:  
 NAME/KEY: misc feature  
 LOCATION: (1224)..(1236)  
 OTHER INFORMATION: translation start codon  
 FEATURE:  
 NAME/KEY: intron  
 LOCATION: (1288)  
 OTHER INFORMATION: intron start site  
 US-09-127-646-3

Query Match 0.7%; Score 20; DB 3; Length 1727;  
 Best Local Similarity 100.0%; Pred. No. 6.3; Mismatches 0; Indels 0; Gaps 0;  
 Matches 20; Conservative 0; MisMatches 0; Indels 0; Gaps 0;  
 QY 320 ATTAGTGCCTATTATGCA 339  
 Db 216 ATTAGTGCCTATTATGCA 235

RESULT 13  
 PCT-US96-05800-1  
 Sequence 1, Application PC/TUS9605800  
 GENERAL INFORMATION:  
 APPLICANT: Oravax, Inc.  
 TITLE OF INVENTION: MULTIMERIC, RECOMBINANT UREASE VACCINE  
 NUMBER OF SEQUENCES: 7  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson P.C.  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110-2804  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/TUS96/05800  
 FILING DATE: 23-APR-1996  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/431,041  
 FILING DATE: 28-APR-1995  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/568,122  
 FILING DATE: 06-DEC-1995  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Clark, Paul T.  
 REGISTRATION NUMBER: 30,162  
 REFERENCE/DOCKET NUMBER: 06132/020001  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (617) 542-5070  
 FAX: (617) 542-8906  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 2735 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: double  
 TOPOLOGY: linear  
 MOLECULE TYPE: cDNA  
 US-08-920-095-1

Query Match 0.7%; Score 20; DB 2; Length 2735;  
 Best Local Similarity 100.0%; Pred. No. 6.4; Mismatches 0; Indels 0; Gaps 0;  
 Matches 20; Conservative 0; MisMatches 0; Indels 0; Gaps 0;  
 QY 320 ATTAGTGCCTATTATGCA 339  
 Db 216 ATTAGTGCCTATTATGCA 235

RESULT 14  
 PCT-US96-05800-1  
 Sequence 1, Application PC/TUS9605800  
 GENERAL INFORMATION:  
 APPLICANT: Oravax, Inc.  
 TITLE OF INVENTION: MULTIMERIC, RECOMBINANT UREASE VACCINE  
 NUMBER OF SEQUENCES: 7  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson P.C.  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110-2804  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: PCT/TUS96/05800  
 FILING DATE: 23-APR-1996  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/431,041  
 FILING DATE: 28-APR-1995  
 CLASSIFICATION:  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: 08/568,122  
 FILING DATE: 06-DEC-1995  
 CLASSIFICATION:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Clark, Paul T.  
 REGISTRATION NUMBER: 30,162  
 REFERENCE/DOCKET NUMBER: 06132/020001  
 TELEPHONE: (617) 542-5070

RESULT 12  
 US-08-920-095-1  
 GENERAL INFORMATION:  
 APPLICANT: Cynthia K. Lee et al.  
 TITLE OF INVENTION: MULTIMERIC, RECOMBINANT UREASE VACCINE  
 NUMBER OF SEQUENCES: 3  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: Fish & Richardson P.C.  
 STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110-2804  
 COMPUTER READABLE FORM:

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; TELEFAX: (617) 542-8906
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2735 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; PCT-WS6-05900-1

Query Match 0.7%; Score 20; DB 5; Length 2735;
Best Local Similarity 100.0%; Pred. No. 6.4; Mismatches 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 320 ATTAGGCCATATTATGGA 339
Db 216 ATTAGGCCATATTATGGA 235

RESULT 14
US-09-431-705-1
; Sequence 1, Application US/09431705
; PATENT NO. 6585975
; GENERAL INFORMATION:
; APPLICANT: Kleantious, Harold
; APPLICANT: Londono-Arcilla, Patricia
; TITLE OF INVENTION: Use of salmonella vectors for
; TITLE OF INVENTION: vaccination against helicobacter infection
; FILE REFERENCE: 05132/060001
; CURRENT APPLICATION NUMBER: US/09/431,705
; CURRENT FILING DATE: 1999-11-01
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 4824
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: includes sequences from Helicobacter pylori,
; OTHER INFORMATION: Salmonella typhimurium, and Escherichia coli
; NAME/KEY: CDS
; LOCATION: (2) ... (31)
; NAME/KEY: CDS
; LOCATION: (41) ... (61)
; NAME/KEY: CDS
; LOCATION: (65) ... (799)
; NAME/KEY: CDS
; LOCATION: (803) ... (2512)
; NAME/KEY: CDS
; LOCATION: (2516) ... (2592)
; NAME/KEY: CDS
; LOCATION: (2696) ... (2896)
; NAME/KEY: CDS
; LOCATION: (2900) ... (3322)
; NAME/KEY: CDS
; LOCATION: (3326) ... (3385)
; NAME/KEY: CDS
; LOCATION: (3389) ... (3406)
; NAME/KEY: CDS
; LOCATION: (3410) ... (3466)
; NAME/KEY: CDS
; LOCATION: (3470) ... (3498)
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; LOCATION: (3602) ... (3661)
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; LOCATION: (3665) ... (3697)
; NAME/KEY: CDS
; LOCATION: (3701) ... (3769)
; NAME/KEY: CDS
; LOCATION: (3773) ... (3817)
; NAME/KEY: CDS
; LOCATION: (3821) ... (3844)

RESULT 15
US-09-431-705-19
; Sequence 19, Application US/09431705
; PATENT NO. 6585975
; GENERAL INFORMATION:
; APPLICANT: Kleantious, Harold
; APPLICANT: Londono-Arcilla, Patricia
; TITLE OF INVENTION: Use of salmonella vectors for
; TITLE OF INVENTION: vaccination against helicobacter infection
; FILE REFERENCE: 06132/060001
; CURRENT APPLICATION NUMBER: US/09/431,705
; CURRENT FILING DATE: 1999-11-01
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 4824
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: includes sequences from Helicobacter pylori,
; OTHER INFORMATION: Salmonella typhimurium, and Escherichia coli
; NAME/KEY: CDS
; LOCATION: (3893) ... (3934)
; NAME/KEY: CDS
; LOCATION: (3938) ... (4027)
; NAME/KEY: CDS
; LOCATION: (4031) ... (4285)
; NAME/KEY: CDS
; LOCATION: (4289) ... (4300)
; NAME/KEY: CDS
; LOCATION: (4304) ... (4408)
; NAME/KEY: CDS
; LOCATION: (4412) ... (4471)
; NAME/KEY: CDS
; LOCATION: (4475) ... (4588)
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; LOCATION: (4592) ... (4669)
; NAME/KEY: CDS
; LOCATION: (4673) ... (4711)
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; LOCATION: (4715) ... (4774)
; NAME/KEY: CDS
; LOCATION: (4784) ... (4824)
; US-09-431-705-19

Query Match 0.7%; Score 20; DB 4; Length 4824;
Best Local Similarity 100.0%; Pred. No. 6.6; Mismatches 0; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 320 ATTAGGCCATATTATGGA 339
Db 200 ATTAGGCCATATTATGGA 219

Search completed: February 11, 2005, 08:45:25
Job time : 238 secs

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